

At the Lifecycle Building Center, we believe that we have the ability to *Reclaim for our Future* by reusing existing building materials and through deconstruction as an alternative to demolition.

WHAT IS DECONSTRUCTION

Deconstruction is the process of dismantling structures or building components in a way that enables building materials to be reused.

Harvesting of building materials gives communities the opportunity to reclaim economic, social, and environmental benefits from existing structures.

Virtually every step of construction–extraction, refining, transportation, and fabrication–creates CO2 emission. Reclaimed materials require far less energy!

25%

of materials can be reused in a typical home deconstruction. (1)

70%

of materials can be recycled in a typical home deconstruction. (2)

2m

pounds of waste is generated in a typical 13,300 sqft commercial demolition project. (3)

3.3b

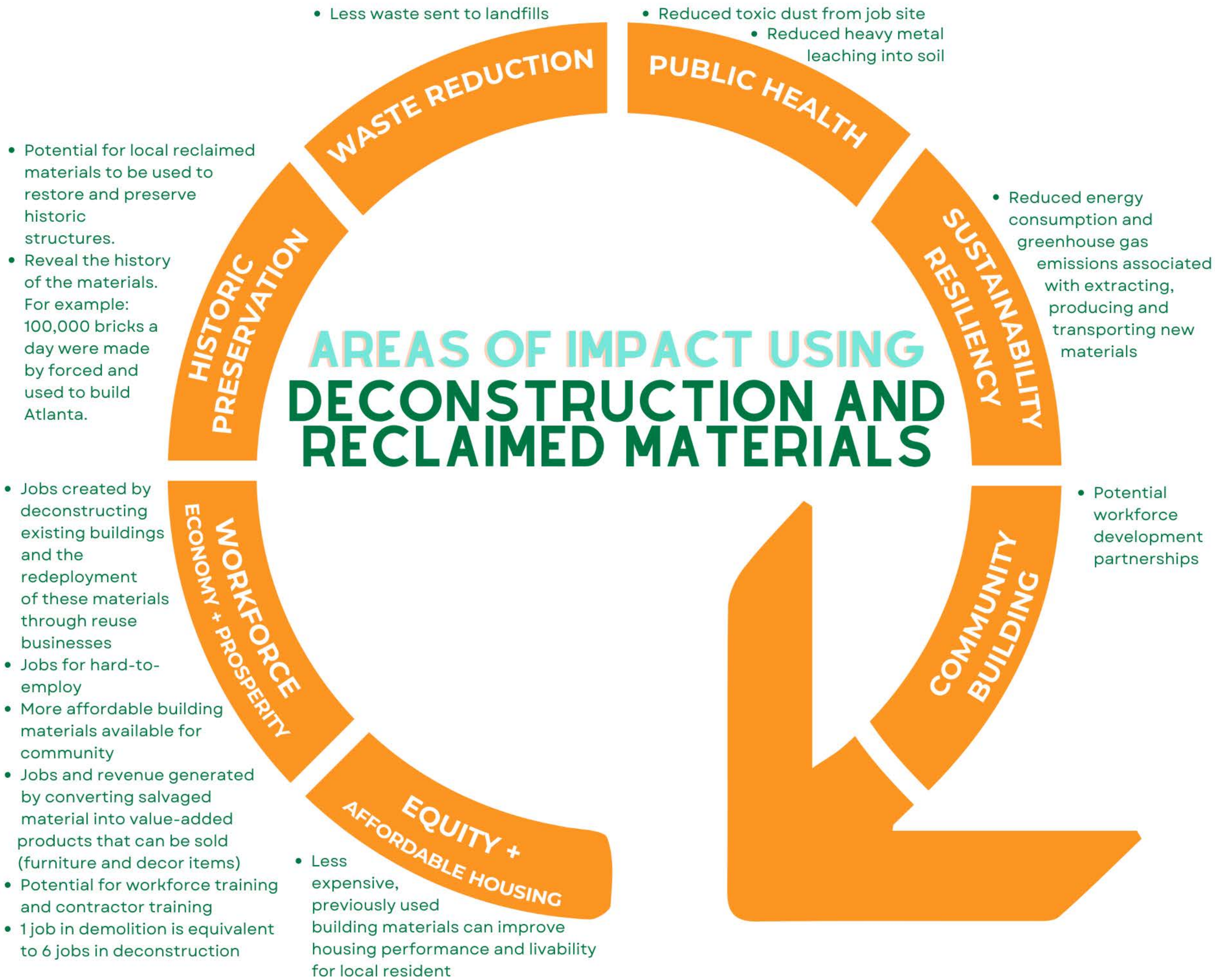
tons of material debris will be generated over the next 50 years. (4)

164m

tons of construction and demolition material are generated every year. (5)

60%

of the 164m tons of construction and demolition material is sent to a landfill. (6)



By reusing materials and leveraging deconstruction, we are able to impact multiple areas and advance to a climate-safe and socially-just economy. Our vision is to materialize a Deconstruction Ecosystem in Atlanta.